

DOCKET NO.: CRNT-0034

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor Application of:

Paul A. Kline

Confirmation No.: **4988**

Application No.: **10/016,998**

Group Art Unit: **2633**

Filing Date: **December 14, 2001**

Examiner: **David C. Payne**

For: **INTERFACING FIBER OPTIC DATA WITH ELECTRICAL
POWER SYSTEMS**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

☐ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

01/19/2006 HALI11 00000194 10016998

01 FC:1806

180.00 OP

☒ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☒ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

☒ Copies of 1 non-patent reference listed on the attached Form PTO-1449 are enclosed herewith.

☐ Copies of reference numbers on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).

☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

There are no listed references which are not in the English language.

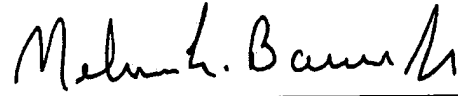
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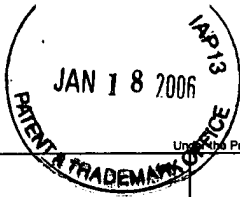
Please charge any deficiency or credit any overpayment to Deposit Account
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Date: January 18, 2006



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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/016,998
Filing Date	December 14, 2001
First Named Inventor	Kline, Paul
Art Unit	2633
Examiner Name	David C. Payne

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of

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Attorney Docket No: CRNT-0034

Examiner Initial *	Cite No	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document
		US-2004/0157551	08/12/2004	Gainey, Kenneth et al.
		US-2005/0068223	03/31/2005	Vavik, Geir
		US-3944723	03/16/1976	Fong
		US-6965303	11/15/2005	Mollenkopf, James D.
		US-6977578	12/20/2005	Kline, Paul

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

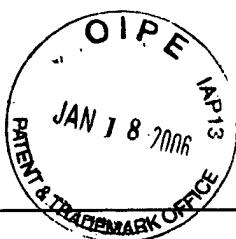
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Outlook Conference 2004: Amperion Deployment Overview", <u>Primen Conference</u> , (7 May 2004), 1-10	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached

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Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
CRNT-0034

Serial No.
10/016,998

Applicant
KLINE

Confirmation No.
4988

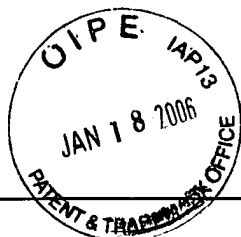
Filing Date
December 14, 2001

Group
2633

U. S. PATENT DOCUMENTS

Examiner's Initials		Document No.	Date	Name	Class	Subclass
	1	3,973,087	08/03/76	Fong	340	310.06
	2	4,060,735	11/29/77	Pascucci et al.	307	3
	3	4,250,489	02/10/81	Dudash et al.	340	147 T
	4	4,475,209	10/02/84	Udren	375	214
	5	4,599,598	07/08/86	Komoda et al.	340	310.02
	6	4,638,298	01/20/87	Spiro	370	392
	7	5,818,821	10/06/98	Schurig	370	293
	8	5,870,016	02//09/99	Shresthe	340	310.01
	9	6,480,510 B1	11/12/02	Binder	370	502
	10	6,854,059	02/08/05	Gardner	380	277
	11	2002/0048368 A1	04/25/02	Gardner	380	277
	12	2002/0109585 A1	08/15/02	Sanderson	340	310.01

EXAMINER**DATE CONSIDERED**



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CRNT-0034	Serial No. 10/016,998
	Applicant KLINE	Confirmation No. 4988
	Filing Date December 14, 2001	Group 2633

U. S. PATENT DOCUMENTS

Examiner's Initials		Document No.	Date	Name	Class	Subclass
	13	2003/0067910 A1	04/10/03	Razazian et al.	370	352
	14	2003/0129978 A1	07/10/03	Akiyama et al.	455	426.1
	15	2003/0184433 A1	10/02/03	Zalitzky et al.	340	310.06
	16	2003/0224784 A1	12/04/03	Hunt et al.	455	426.2
	17	2003/0227373 A1	12/11/03	Lou et al.	340	310.01
	18	2004/0037317 A1	02/26/04	Zalitzky et al.	370	466
	19	2004/0067745 A1	04/08/04	Belsak	455	402
	20	2004/0110483 A1	06/10/04	Mollenkopf	455	402
	21	2004/0135676 A1	07/15/04	Berkman et al.	340	310.01
	22	2004/0174851 A1	09/09/04	Zalitzky et al.	370	338
	23	2004/0242185 A1	12/02/04	Lee	455	402
	24	2004/0233928	11/25/04	Pozsgay	340	446

EXAMINER	DATE CONSIDERED
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Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
CRNT-0034

Serial No.
10/016,998

Applicant
KLINE

Confirmation No.
4988

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U. S. PATENT DOCUMENTS

Examiner's Initials		Document No.	Date	Name	Class	Subclass
	25	2005/0063422	03/24/05	Lazar		
	26	6,281,784	08/28/01	Redgate		

EXAMINER**DATE CONSIDERED**



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Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CRNT-0034	Serial No. 10/016,998
	Applicant KLINE	Confirmation No. 4988
	Filing Date December 14, 2001	Group 2633

FOREIGN PATENT DOCUMENTS

Examiner 's Initials		Document No.	Date	Country	Translation	
					YES	NO
	27	0 822 721 A2, A3	02/04/98	EP	X abstract & Ind. Claim	
	28	1 251 646 A2	10/23/02	EP	X abstract & Ind. Claim	
	29	03/009083 A2, A3	01/30/03	WO		
	30	03/010896 A1	02/06/03	WO		
	31	03/30396 A2	04/10/03	WO	X abstract & Claims	
	32	04/102868	11/25/04	WO		

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Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CRNT-0034	Serial No. 10/016,998
	Applicant KLINE	Confirmation No. 4988
	Filing Date December 14, 2001	Group 2633

Examiner's		
Initials	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	33	Patent Abstracts of Japan, Japanese Publication No. 10200544 A2, published July 31, 1998 , (Matsushita Electric Works, LTD)
	34	HomePlug™Powerline Alliance, HomePlug Initial Draft Medium Interface Specification, May 19, 2000 , 109 pages
	35	HomePlug™Powerline Alliance, HomePlug 0.5 Draft Medium Interface Specification, November 28, 2000 , 133 pages
	36	HomePlug™Powerline Alliance, HomePlug Initial Draft Medium Interface Specification, July 27, 2000 , 109 pages
	37	HomePlug™Powerline Alliance, HomePlug 1.01 Specification, December 1, 2001 , 139 pages
	38	Gutzwiller, F. W. et al., "Homenet: A Control Network for Consumer Applications," IEEE Transactions on Consumer Electronics, August 1983 , Vol. CE-29, No. 3, pp. 297-304
	39	Onunga, J. et al., "Distribution Line Communications Using CSMA Access Control with Priority Acknowledgements," IEEE Transactions on Power Delivery, April 1989 , Vol. 4, No. 2, pp. 878-886
	40	Yoshitoshi, M. et al., "PROPOSED INTERFACE SPECIFICATIONS FOR HOME BUS," IEEE Transactions on Consumer Electronics, August 1986 , Vol. CE-32, No. 3, pp. 550-557

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